

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019673.D
 Acq On : 17 Nov 2015 23:34
 Operator : UM/NP
 Sample : G4427-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A1

Manual Integrations
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mohammad
 11/19/2015 8:26:59 AM

Quant Time: Nov 18 03:13:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	21364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	95090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	81183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	238608	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	308704	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	292914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3089	6.17	ng/uL	0.00
5) Phenol-d5	7.29	99	67118	30.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	46406	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	42195	30.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	55202	30.46	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	23846	30.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	27961	31.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	54321	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	62870	34.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	219011	29.83	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	211526	26.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	36784	31.80	ng/ul	0.00
58) Fluorene-d10	15.77	176	174192	26.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	42549	27.60	ng/ul	0.00
71) Anthracene-d10	17.62	188	322666	27.85	ng/ul	0.00
79) Pyrene-d10	19.90	212	362007	25.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	404625	26.46	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.32	94	4802	2.03	ng/ul	94
45) Dimethylphthalate	14.23	163	227726	31.28	ng/ul	98
70) Phenanthrene	17.56	178	14266	1.12	ng/ul	95
77) Fluoranthene	19.56	202	90700	5.57	ng/ul	98
80) Pyrene	19.92	202	79523	4.41	ng/ul	98
83) Benzo(a)anthracene	21.77	228	64045	3.42	ng/ul	99
85) Chrysene	21.84	228	51757	2.94	ng/ul	94
88) Benzo(b)fluoranthene	24.05	252	73343	4.06	ng/ul	93
89) Benzo(k)fluoranthene	24.11	252	23052m	1.32	ng/ul	
91) Benzo(a)pyrene	24.94	252	54862	3.16	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.89	276	32077m	1.65	ng/ul	
94) Benzo(g,h,i)perylene	30.09	276	27727	1.72	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

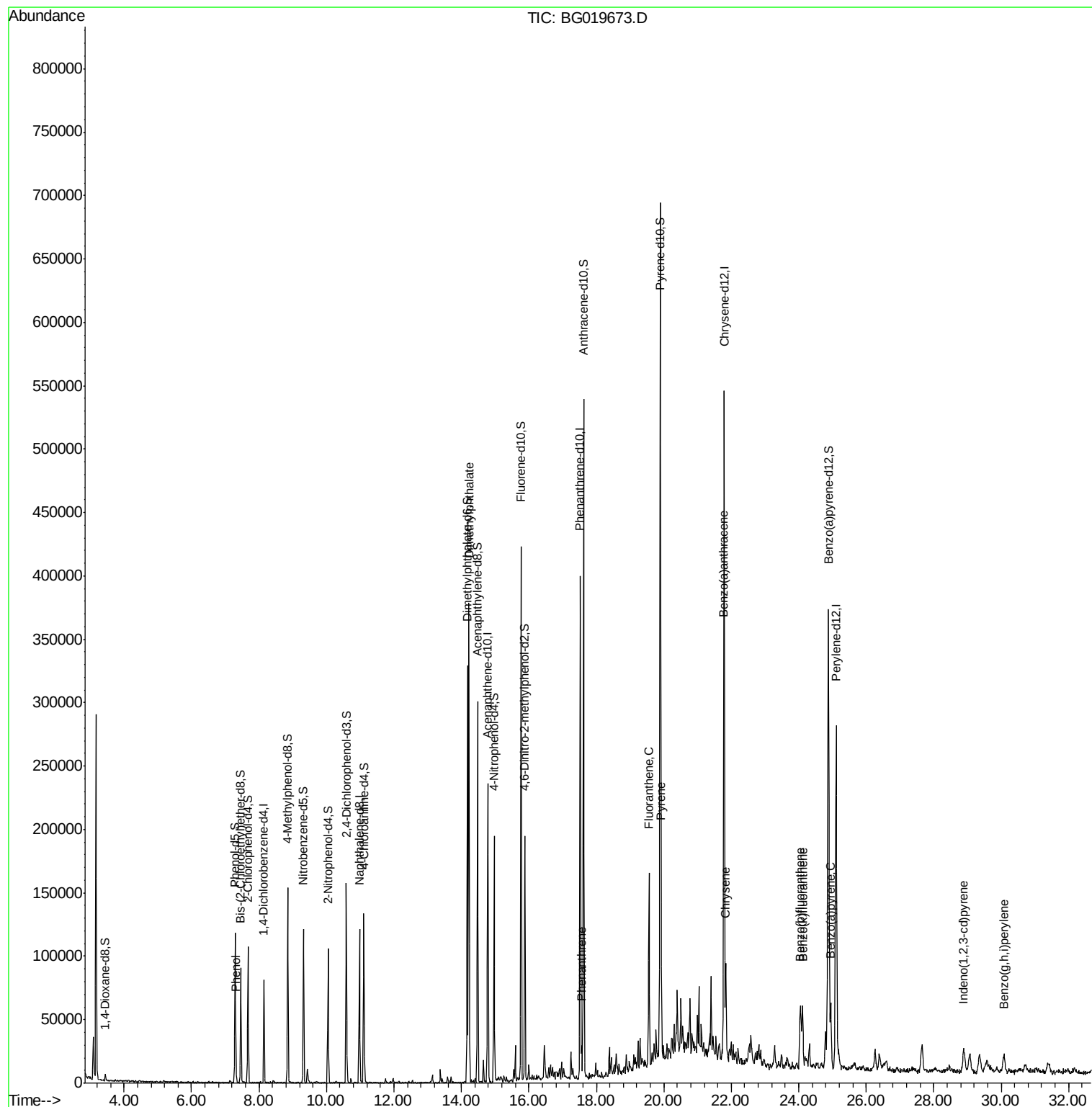
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019673.D
Acq On : 17 Nov 2015 23:34
Operator : UM/NP
Sample : G4427-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

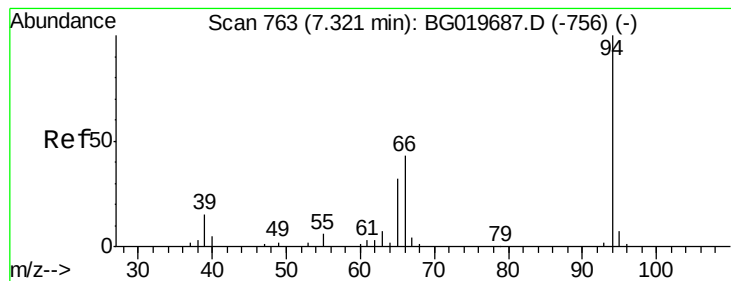
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration





#6

Phenol

Concen: 2.03 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

Instrument :

BNA_G

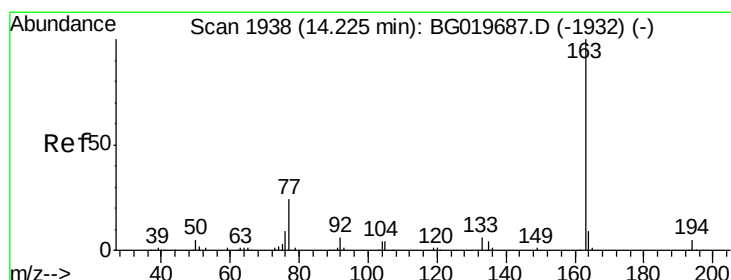
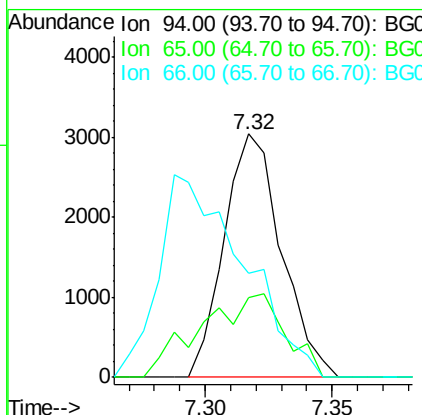
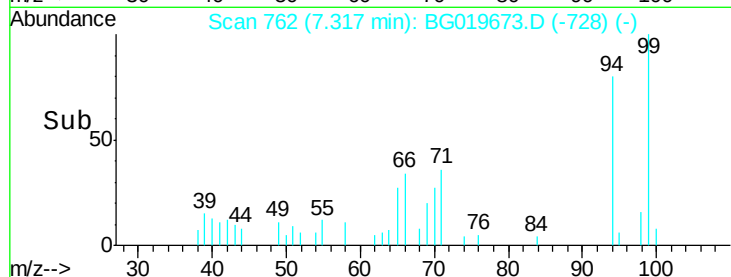
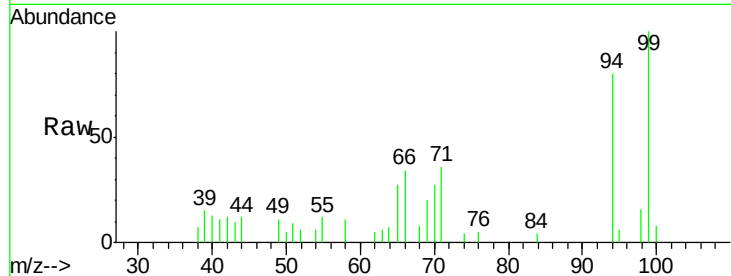
ClientSampleId :

BC7A1

Tot Ion:	94	Resp:	4802
Ion	Ratio	Lower	Upper
94	100		
65	32.9	27.4	41.0
66	42.8	39.0	58.6

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#45

Dimethylphthalate

Concen: 31.28 ng/ul

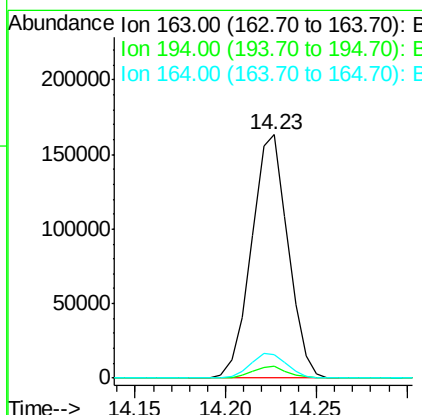
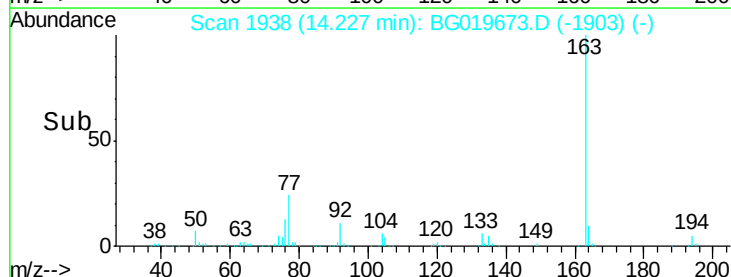
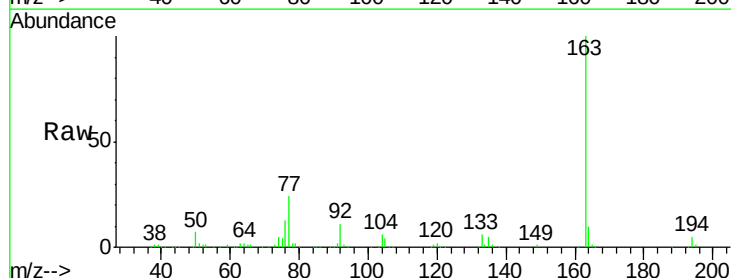
RT: 14.23 min Scan# 1938

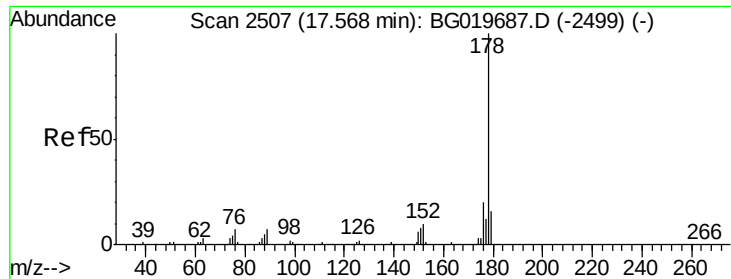
Delta R.T. 0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

Tgt Ion:	163	Resp:	227726
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.7	8.3	12.5





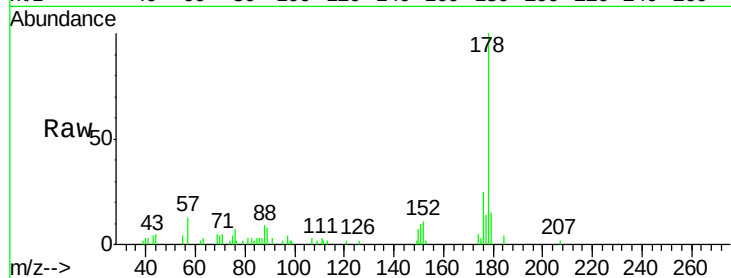
#70
Phenanthrene
Concen: 1.12 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Instrument :
BNA_G
ClientSampleId :
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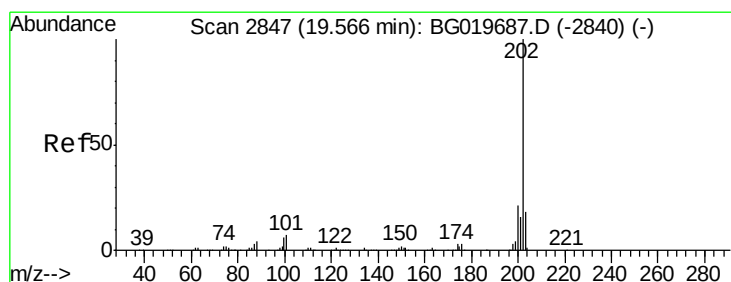
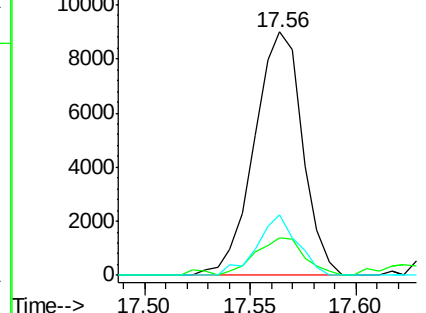
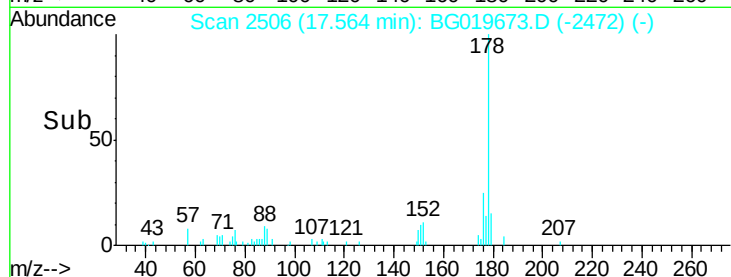
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	24.7	16.6	24.8

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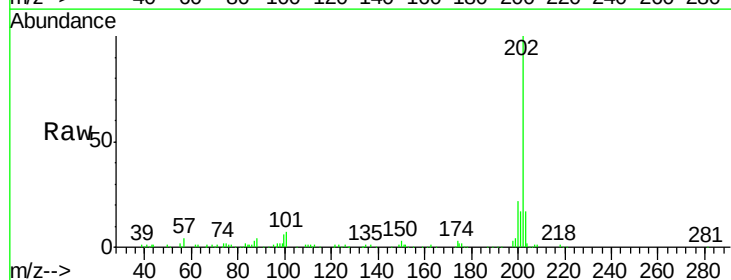


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

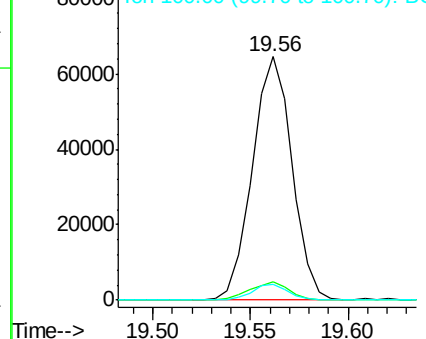
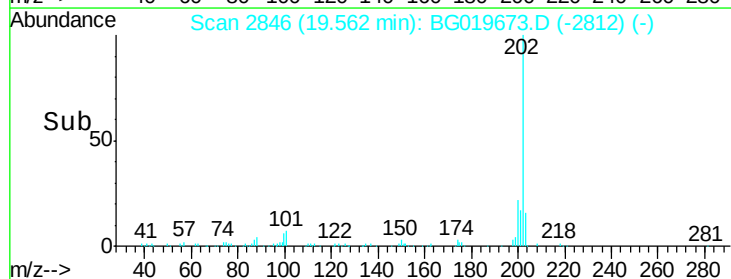


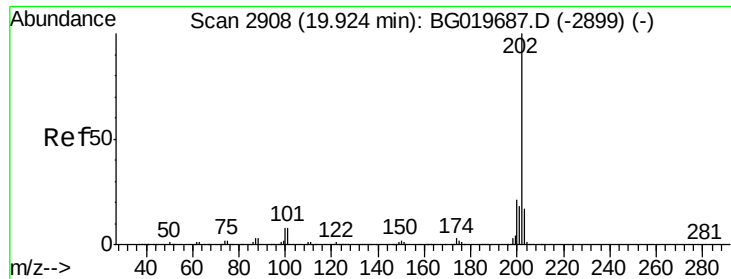
#77
Fluoranthene
Concen: 5.57 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.2	7.8
100	6.4	5.0	7.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





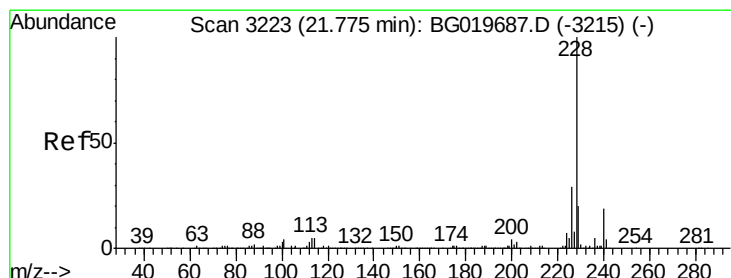
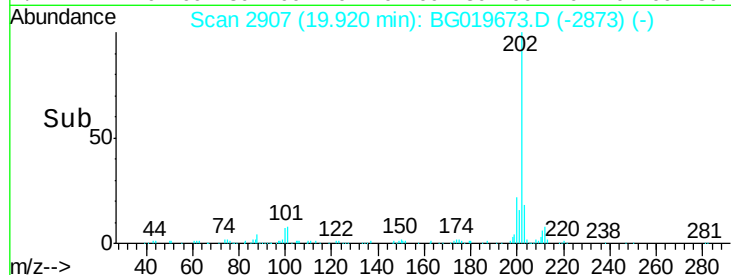
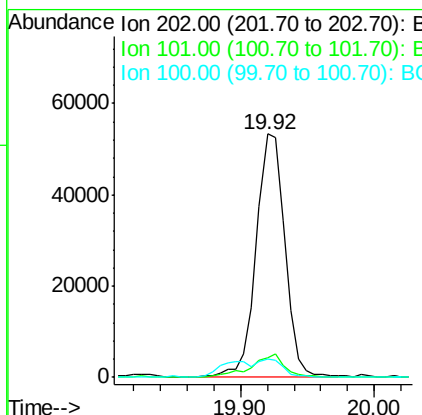
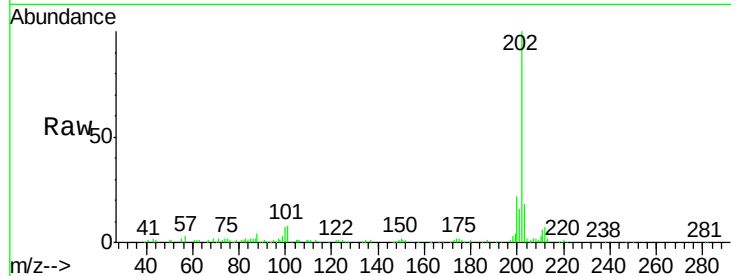
#80
Pvrene
Concen: 4.41 ng/ul
RT: 19.92 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Instrument :
BNA_G
ClientSampleId :
BC7A1

Tot Ion:	202	Resp:	79523
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.0	10.6
100	7.3	6.6	10.0

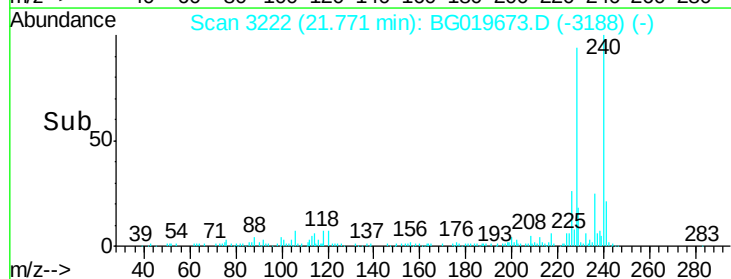
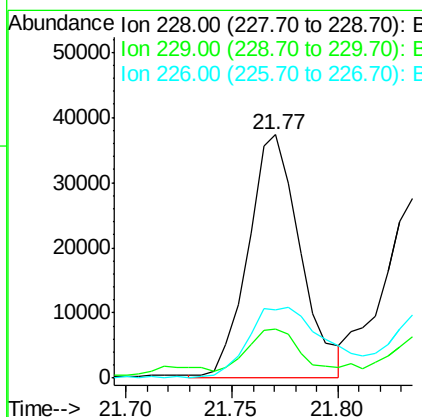
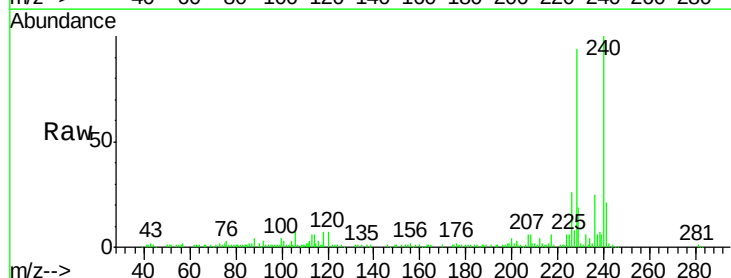
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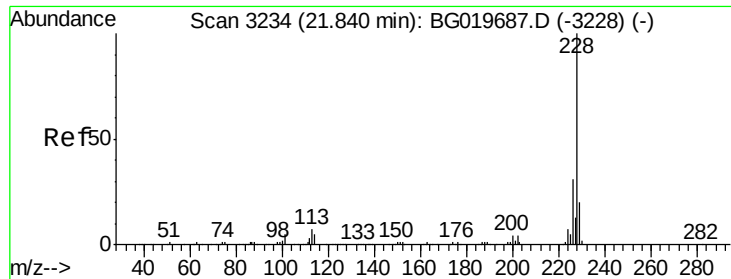
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#83
Benzo(a)anthracene
Concen: 3.42 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion:	228	Resp:	64045
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	27.9	22.6	33.8





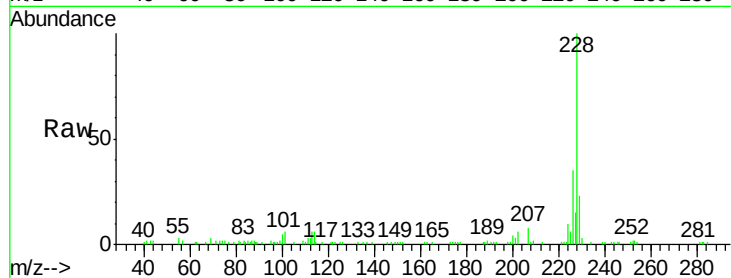
#85
Chrysene
Concen: 2.94 ng/ul
RT: 21.84 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Instrument :
BNA_G
ClientSampleID :
BC7A1

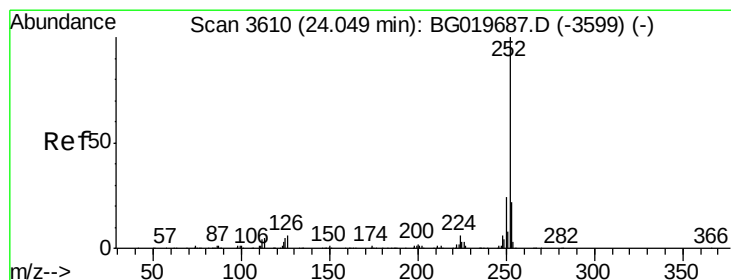
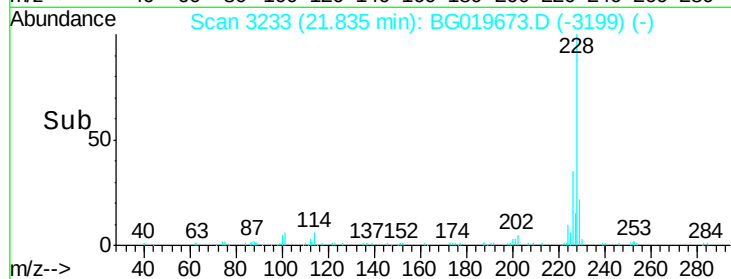
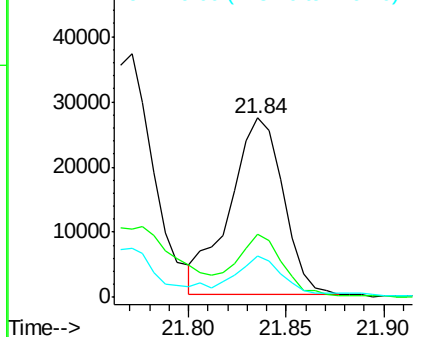
Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	23.3	17.0	25.6

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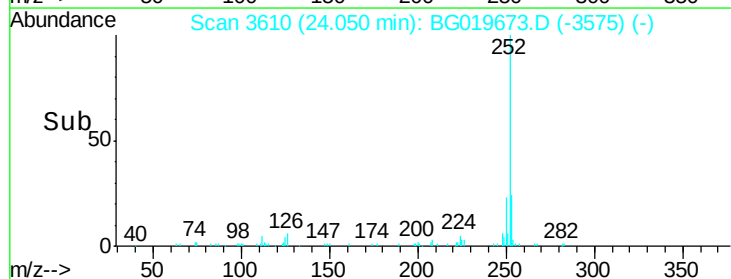
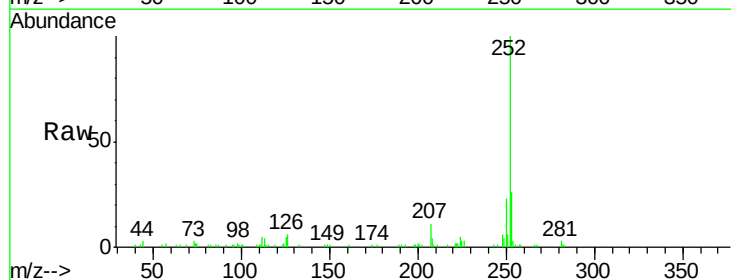
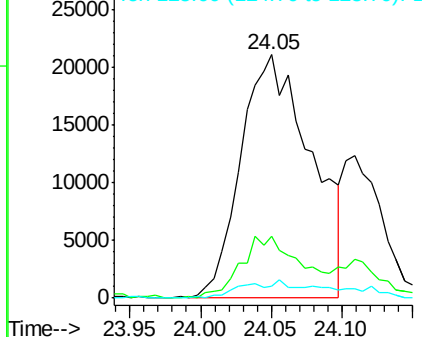
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

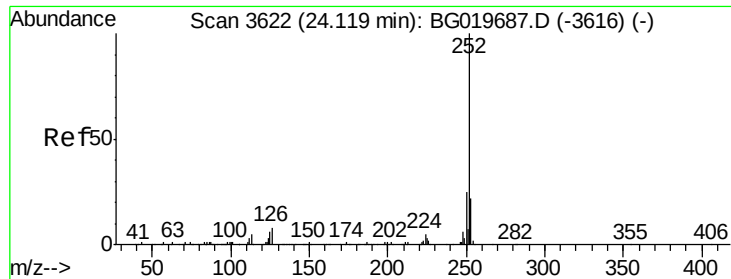


#88
Benzo(b)fluoranthene
Concen: 4.06 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. 0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7
125	5.0	4.2	6.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





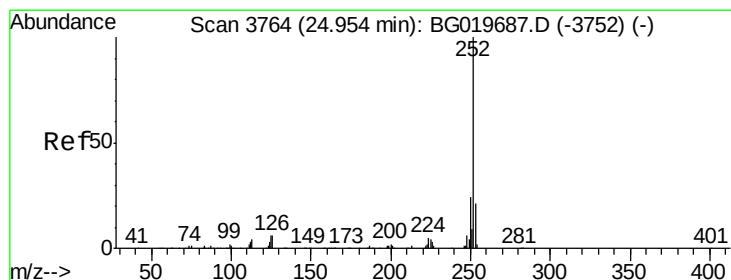
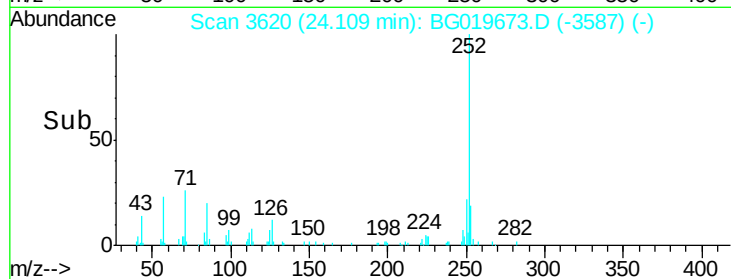
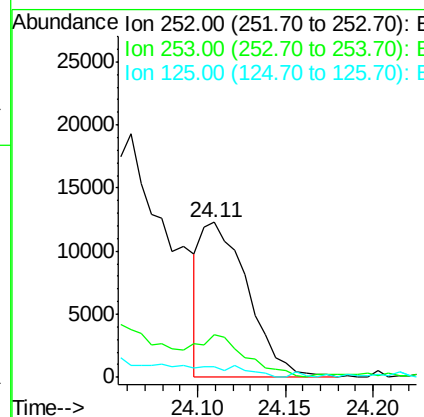
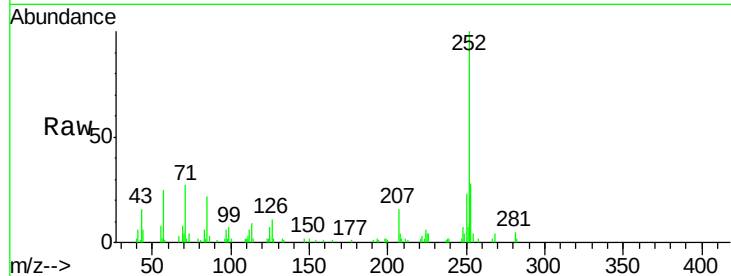
#89
Benzo(k)fluoranthene
Concen: 1.32 ng/ul m
RT: 24.11 min Scan# 3620
Delta R.T. -0.01 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Instrument :
BNA_G
ClientSampleId :
BC7A1

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.1	25.7#
125	6.5	4.4	6.6

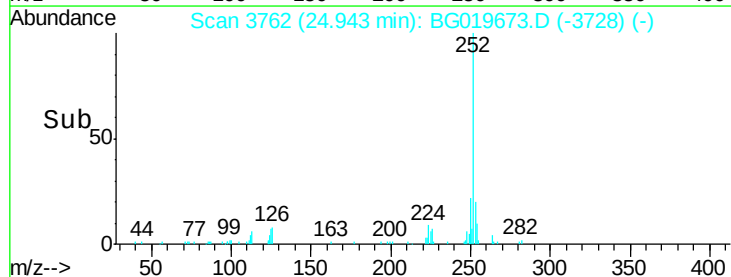
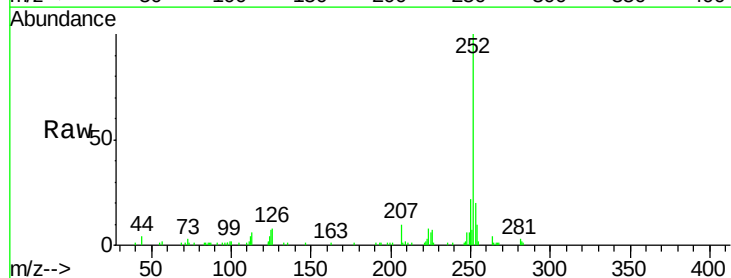
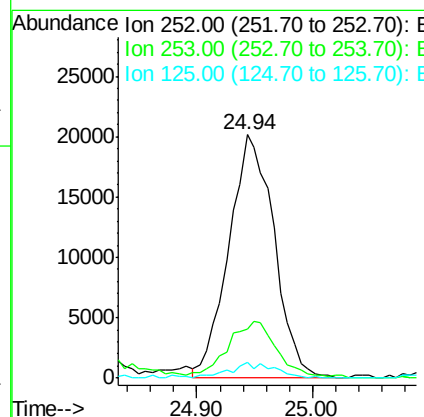
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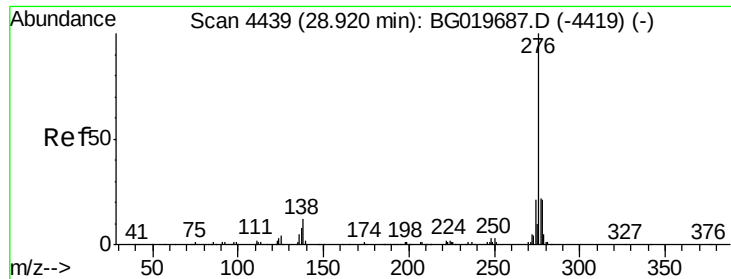
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#91
Benzo(a)pyrene
Concen: 3.16 ng/ul
RT: 24.94 min Scan# 3762
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.9	25.3
125	6.6	5.4	8.0





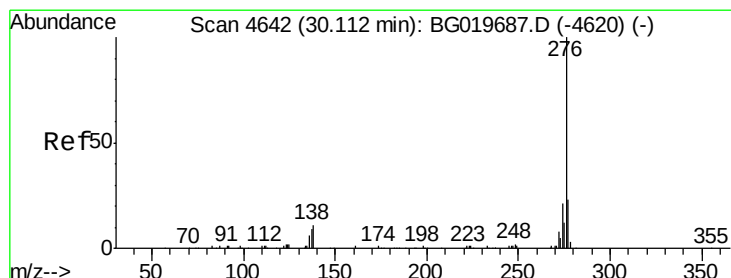
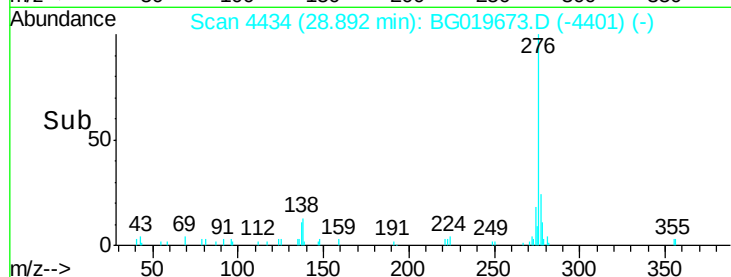
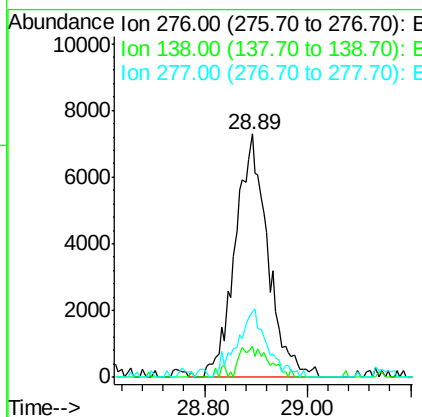
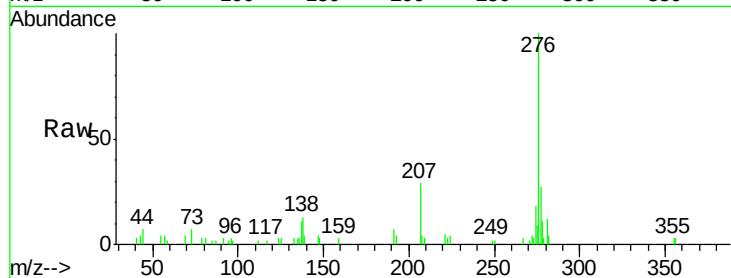
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.65 ng/ul
 RT: 28.89 min Scan# 4434
 Delta R.T. -0.01 min
 Lab File: BG019673.D
 Acq: 17 Nov 2015 23:34

Instrument :
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 BC7A1

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.9	14.9
277	26.8	21.3	31.9

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#94
 Benzo(g,h,i)perylene
 Concen: 1.72 ng/ul
 RT: 30.09 min Scan# 4638
 Delta R.T. -0.00 min
 Lab File: BG019673.D
 Acq: 17 Nov 2015 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.1	9.2	13.8
277	19.9	18.6	28.0

